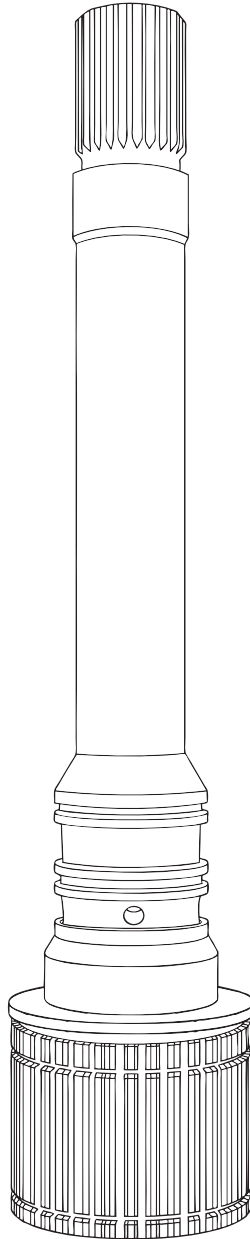


Pacific Performance Engineering, Inc.  
www.ppediesel.com



## **Billet Input Shaft**

**ATTENTION:** We recommend the installation of this part be done by a trained professional GM technician. PPE will not accept liability for damage resulting from incorrect assembly.

These instructions are not intended as a service or overhaul manual. These instructions are intended to facilitate the modification and non-factory parts installation by a trained professional.

## **DISCLAIMER OF LIABILITY**

***This is a performance product which increases horsepower above and beyond factory specifications. As a result, more horsepower creates more stress on the drive train components, which could result in drive train failure. This product is intended for off-road use only. Use at your own risk.***

This agreement sets forth the terms and conditions for the use of this product. The installation of this product indicates that the Buyer has read and understands this agreement and accepts the terms and conditions.

Pacific Performance Engineering Inc., its distributors, employees, and dealers (the "Seller") shall not be responsible for the product's proper use and service. The buyer hereby waives all liability claims.

The Buyer hereby acknowledges no reliance on the Sellers skill or judgment to select or furnish goods suitable for any particular purpose and that there are no liabilities which extend beyond the description on the face hereof, and the Buyer hereby waives all remedies or liabilities expressed or implied, arising by law or otherwise (including without any obligation of the Seller with respect to fitness, merchantability and consequential damages), or whether or not occasioned by the Seller's negligence.

The Seller disclaims any warranty and expressly disclaims any liability for personal injury or damages. The Buyer acknowledges and agrees that the disclaimer of any liability for personal injury is a material term for this agreement and the Buyer agrees to indemnify the Seller and to hold the Seller harmless from any claim related to the item of equipment purchased. Under no circumstances will the Seller be liable for any damages or expenses by reason of use or sale of any such equipment.

The Seller assumes no liability regarding the improper installation or misapplication of its products. It is the installer's responsibility to check for proper installation and if in doubt contact the manufacturer.

The Buyer is solely responsible for all warranty issues from the manufacturer.

## **LIMITATION OF WARRANTY**

The Seller gives Limited Warranty as to description, quality, merchantability, and fitness for a particular purpose, productiveness, or any other matter of Seller's product sold herewith. The Seller shall not be responsible for the products proper use and service and the Buyer hereby waives all rights other than those expressly written herein. This warranty shall not be extended, altered or varied except by a written instrument signed by Seller and Buyer.

The Warranty is limited to two (2) years from the date of sale and limited solely to the parts contained within the products kit. All products that are in question of Warranty must be returned prepaid to the Seller and must be accompanied by a dated proof of purchase receipt. All Warranty claims are subject to approval by Seller.

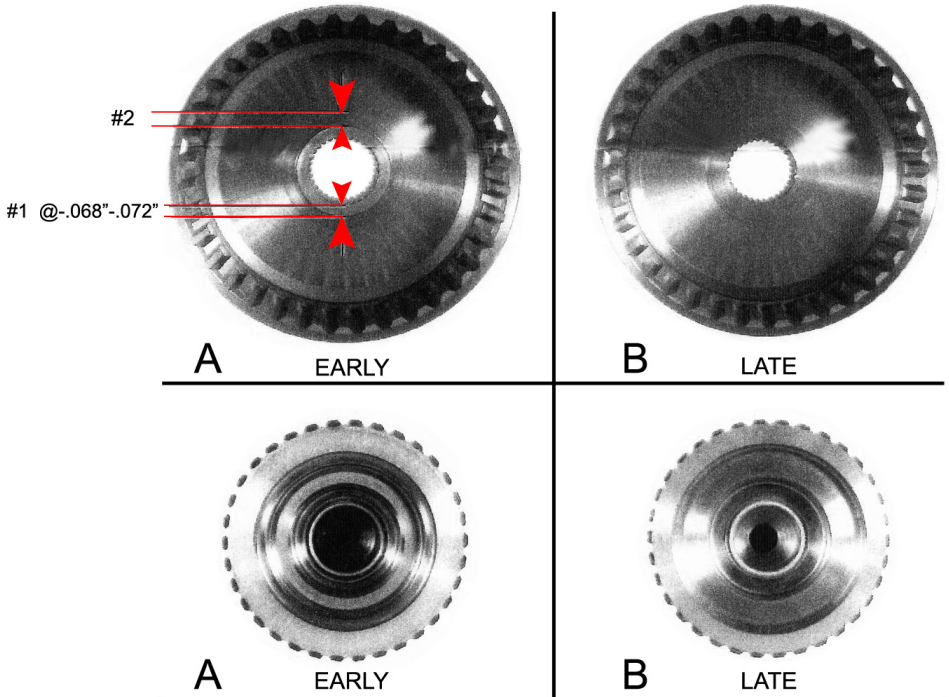
Under no circumstances will the Seller be liable for any labor charged or travel time incurred in diagnosis for defects, removal, or reinstallation of this product or any other contingent expenses.

Under no circumstances will the Seller be liable for any damage or expenses incurred by reason of the use or sale of any such equipment. In the event that the buyer does not agree with this agreement, the buyer may promptly return this product, in a new and unused condition in its original packaging, with a dated proof of purchase to the place of purchase within ten (10) days from date of purchase for a full refund. The installation of this product indicates that the buyer has read and understands this agreement and accepts its terms and conditions.

### Retrofit Allison Input Shaft to 2001-04 Transmission

From 2001-07 Allison used two different input shaft thrust bearings, one small bearing fitting the early @ 2001-04 shaft (marked "A") and a large bearing for the late 2004-07 shaft (marked "B") (SEE PHOTO BELOW)

The shaft uses the large late model bearing which can be retro fitted to the early transmission by machining the clutch hub. The early hub (marked "A") has a raised thrust flange (marked #1) that must be machined flush to the stepped flange (marked #2), by removing @ .068" - .072". The early hub will then be the same as the late model hub (marked "B") (SEE PHOTO BELOW)





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